

WHAT IS CLAIMED IS:

1. An input equipment with sensed movement feedback, comprising:

a housing;

5 a pressure sensor pad, being disposed on a through hole at the top of said housing, and having a through hole at the center thereof;

a rolling ball, being disposed under said sensor pad in said housing, with some part of said rolling ball exposed and protruded from said through hole of said sensor pad;

10 at least one driver, being disposed on one side of said rolling ball and in contact with the surface of said rolling ball; and

a control circuit, being disposed in said housing and electrically connected to said pressure sensor pad and driver respectively;

15 such that when said sensor pad being pressed by a pressing force, the sensor pad will produce a signal according to the pressure and direction of the pressing force and transmit the signal to the control circuit, the control circuit will then produce a rolling signal depending on the signal and transmit the rolling signal to the driver, activating the driver to move the rolling ball.

2. The input equipment with sensed movement feedback of claim 1, wherein said sensor pad has an area larger than a finger.

- 20 3. The input equipment with sensed movement feedback of claim 1, said input equipment further comprises a switch disposed under said rolling ball and electrically connected to the electronic device, wherein an elastic electric conductor is disposed on the switch and will produce a short connection signal being sent to the electronic device while the elastic electric conductor being
25 pressed by the rolling ball.

4. The input equipment with sensed movement feedback of claim 1, wherein said driver is a motor located on the side of the rolling ball and having a circular driving roller disposed on the rotary axis of the motor, enabling said circular driving roller to be in contact with the surface of the rolling ball tangentially.